

Fleet Maintenance in Sweden

International Diesel Retrofit Advisory
Committee

Pasadena Hilton
February 6, 2002

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Market (LD + HD Trucks)

Number of vehicles 1/1 2001: 113 597

• Volvo	35.5 %	} 99 %
• Scania	23.9 %	
• Mercedes-Benz	20.6 %	
• Renault	15.5 %	
• Iveco	3.5 %	

Market (LD + HD Buses)

Number of vehicles 1/1 2001: 13 645

• Volvo	45.3 %	} 94 %
• Scania	24.7 %	
• Mercedes-Benz	14.2 %	
• Kässbohrer	4.9 %	
• Neoplan	4.8 %	

Service of HD Vehicles (1)

(Information from Scania)

- Time schedule depending upon duty-cycle and mileage
- During the warranty period service is carried out at authorized workshops
- Service contract for 30 % of vehicle fleet after warranty period
- 35 – 40 % of vehicles 10 years old, still use authorized workshops

Service of HD Vehicles (2)

(Information from Scania)

- Big fleet operators have workshops by their own
- 6 – 8 % of total cost is service
- 25 % is buying maintenance and service in a package
- 15 –20 % of the service is related to the engine

Service of HD Vehicles (3)

(Information from Scania)

- Main reasons for engine malfunction: Lack of service and oil-changes, driver errors (high rpm)
- More service required when operating in former East Europe (poor fuel quality)
- Good experience with low sulfur fuel, however minor increase in fuel cons.

Service of HD Vehicles (4)

- Manufacturer is trying to tie the owner for future needs by:
 - Offering assistance 24 hours a day
 - Via modem "talk to the vehicle" and detect malfunctions and adjust components
 - Offering "Fleet Management System"
 - Use PC based "Diagnostic Systems" (not yet mandatory with OBD system in Europe)